Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 1/15/2013, 1/16/2013, 1/17/2013	Man Days: 3
Inspection Unit: Petersburg	
Location of Audit: Petersburg	
Exit Meeting Contact: Keith Hinrichs	
Inspection Type: Standard Inspection - Record Audit	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty	
	Peoria, IL 61602	
	Emergency Phone#:	
	Fax#:	
Official or Mayor's Name:	Ron Pate	
	Phone#: (217) 424-6518	
	Email:	
Inspection Contact(s)	Title	Phone No.
Keith Hinrichs	Supervisor Gas Operations	(217) 341-8767
Robert Roth	Quality Assurance	(217) 778-0785

Gas System Operations	Status
Gas Transporter	Not Checked
General Comment:	•
Panhandle Eastern	
Annual Report (Form 7100.1-1) reviewed for the year:	Not Checked
General Comment:	•
These records are kept in the Pawnee office.	
Unaccounted for Gas	Not Checked
General Comment:	•

These records are kept	in the Pawnee office.	
Number of Service	s	Not Checked
General Comment:		
These records are kept	in the Pawnee office.	
Miles of Main		Not Checked
General Comment:		
These records are kept	in the Pawnee office.	
Is the operator ma (MAOP)	ntaining documentation verifying their Maximum Allowable Operating Pressure(s)?	Satisfactory
General Comment:		
Documentation is kept	in Gas compliance system.	
Operating Pressure	e (Feeder)	Various
Operating Pressure	e (Town)	Various
Operating Pressure	e (Other)	Various
MAOP (Feeder)		Various
MAOP (Town)		Various
MAOP (Other)		Various
Does the operator	have any transmission pipelines?	No
General Comment:		
There are no transmiss	ion pipelines in the Petersburg operating center.	
	Regulatory Reporting Records	Status
191.5	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	Not Checked
General Comment:		
These records are kept	in the Pawnee office.	
191.9(a)	Was a DOT Incident Report Form F7100.1 submitted within 30 days after detection of an incident?	Not Checked
General Comment:		
These records are kept	in the Pawnee office.	
191.9(b)	Were any supplemental incident reports submitted when deemed necessary?	Not Checked
General Comment:		
These records are kept	in the Pawnee office.	

Did the operator have	e any plastic pipe failures in the past calendar year?	No
General Comment:	·	
No plastic pipe failures in	the last calendar year.	
Did the operator take components?	e action to mitigate safety concerns relating to the failure of the PE or pipeline	Not Checked
General Comment:		
These records are kept in	the Pawnee office.	
191.23(a)	Did the operator report Safety Related Conditions?	Not Checked
General Comment:	·	
These records are kept in	the Pawnee office.	
191.25	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	Not Checked
General Comment:	·	
These records are kept in	the Pawnee office.	
192.16(c)	Customer Notification: Has the operator notified each new customer within 90 days about the customer's responsibility regarding buried piping, however, operators of a master meter may continuously post a general notice in a permanent location?	Not Checked
General Comment:	•	
These records are kept in	the Pawnee office.	
	DRUG TESTING	Status
Refer to Drug and Al	cohol Inspection Forms and Protocols	Not Checked
General Comment:	·	
Drug records were inspec	eted in 2011 for Ameren.	
	TEST REQUIREMENTS	Status
192.517(a)	Are pressure test records being maintained for piping operating above 100 psig?	Not Applicable
General Comment:	·	
No pipe operates above 1	100 psig.	
192.517(b)	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	Satisfactory
General Comment:		
Records are being mainta	nined for 5 years.	
	Were service lines temporarily disconnected from the main properly tested	

	prior to reconnection?	
General Comment:		
Temporarily lines are tes	ted is disconnected.	
	UPRATING	Status
Category Comment:		
No uprating was conduct	ed last year in Petersburg operating center.	
192.555	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	Not Applicable
192.557	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	Not Applicable
	OPERATIONS	Status
192.603(b)	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	Not Checked
General Comment:		
These records are kept ii	n the Pawnee office.	
Has the operator co	nducted a review of the Operator Qualification Plan once per yr/15 months?	Not Checked
General Comment:		
These records are kept in	n the Pawnee office.	
192.603(b)	Are construction records, maps, and operating history available to operating personnel?	Satisfactory
General Comment:		
Construction maps are a	vailable to personnel.	
192.603(b)	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	Satisfactory
General Comment:		
The records will be in the	Pawnee office.	
	CONTINUING SURVEILLANCE RECORDS	Status
192.603(b)	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	Not Checked
General Comment:		
These records are kent ii	n the Decatur operating center.	

192.491	Does the operator have records verifying if exposed cast iron was examined for evidence of graphitization and if necessary what appropriate action was taken concerning graphitization?	Not Applicable
General Comment:		
There is no cast iron in the g	gas system.	
192.603(b)	Does the operator have surveillance records of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leak history, or any other unusual operating and maintenance conditions?	Not Applicable
General Comment:	•	
There is no cast iron in the g	gas system.	
192.603(b)	Is each cast iron caulked bell and spigot joint that is subject to a pressure of more than 25 (psig.) sealed as required?	Not Applicable
General Comment:	<u> </u>	
There is no cast iron in the	gas system.	
192.603(b)	Is each cast iron caulked bell and spigot joint that is subject to a pressure of 25 (psig.) or less and is exposed for any reason sealed as required?	Not Applicable
General Comment:		•
There is no cast iron in the	gas system.	
	QUALIFICATION OF PIPELINE PERSONNEL	Status
Refer to operator Qual	ification Inspection Forms and Protocols	Not Checked
General Comment:		<b>.</b>
The operator qualification re	ecords are in the Pawnee operating center.	
	DAMAGE PREVENTION RECORDS	Status
192.603(b)	Did the operator track the number of damages per 1000 locate requests for the previous years?	Not Checked
General Comment:		•
These records are kept in the	ne Belleville operating center.	
Has the number of dar	mages increased or decreased from prior year?	Not Checked
General Comment:		•
These records are kept in the	ne Belleville operating center.	
192.603(b)	Does the operator track records of accidents due to excavation damage to ensure causes of failures are addressed to minimize the recurrence?	Not Checked
General Comment:	·	1

These records are kept in the Beli	eville operating center.	
192.603(b)	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	Not Checked
General Comment:	·	
These records are kept in the Bell	eville operating center.	
Does the operator have a C facilities?	Quality Assurance Program in place for monitoring the locating and marking of	No
General Comment:		
These records are kept in the Beli	eville operating center.	
Do pipeline operators inclu	de performance measures in facility locating contracts?	No
General Comment:	·	
These records are kept in the Bell	eville operating center.	
IL ADM. CO.265.100(b)(1)	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? http://www.icc.illinois.gov/julie/	Not Checked
General Comment:	·	
Third party damage is reported to	the Pawnee operating center.	
Has the Operator adopted	applicable section of the Common Ground Alliance Best Practices?	Not Checked
General Comment:		
Common Ground Alliance best pro	actices will be in the Pawnee operating center.	
If no, were Common Groun	d Alliance Best Practices discussed with Operator?	No
General Comment:	·	
Common ground alliance was not	discussed with the operator.	
	EMERGENCY PLANS	Status
192.603(b)	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	Satisfactory
General Comment:	·	
Each supervisor is furnished with	a copy of the latest emergency plan.	
192.603(b)	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	Not Checked
General Comment:		
These records are being kept in the	ne Pawnee operating center.	
192.603(b)	Has the operator maintained documentation of employee activity reviews to	Not Checked

	determine whether the procedures were effectively followed in each emergency?	
General Comment:	·	
These records are kept in	the Pawnee operating center.	
192.603(b)	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	Not Checked
General Comment:	·	
These records are in the F	awnee operating center.	
192.603(b)	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	Satisfactory
General Comment:		
Emergency response time	s all met the requirements last year. Petersburg had no response times that went over the one hour time limit	t.
	PUBLIC AWARENESS PROGRAM - RECORDS	Status
Refer to Public Aware	eness Program Inspection Forms and Protocols	Not Checked
General Comment:		
The Public Awareness Pro	gram is in the Pawnee Operating Center.	
	ODORIZATION OF GAS	Status
192.603(b)	Has the operator maintained documentation of odorant concentration level testing using an instrument?	Satisfactory
General Comment:		
Odorant levels met the cod	de requirements, they were taken by using an instrument.	
192.603(b)	Has the operator maintained documentation of odorizer tank levels?	Satisfactory
General Comment:		
Odorized tank levels are re	ead every month.	
192.603(b)	Are master meter operators receiving written verification of odorant concentration levels from their gas supplier?	Not Applicable
General Comment:	· · · · · · · · · · · · · · · · · · ·	
Ameren Petersburg is not	a master meter operator.	
192.603(b)	Has the master meter operator maintained documentation of sniff tests	Not Applicable
.02.000(0)	performed as required by this section?	
General Comment:	performed as required by this section?	

	PATROLLING & LEAKAGE SURVEY	Status
192.603(b)	Is the operator patrolling business districts at a minimum of 4 per year/4 1/2 months?	Not Applicable
General Comment:		
No patrolling of the business	district, no critical patrols.	
192.603(b)	Is the operator patrolling outside business districts at a minimum of 2 per year/7 1/2 months?	Satisfactory
General Comment:		
There were 2 patrols last year	r and they were inspected twice each last year.	
192.603(b)	Is the operator performing leakage surveys in business districts at a minimum of 1 per year/ 15 months? If the operator has inside meter sets that meet this criterion then were those surveyed?	Satisfactory
General Comment:		
The operator performs a leak district survey.	age survey in the business districts every year not to exceed 15 months. Inside meters are leak surveyed	during the business
192.603(b)	Is the operator performing leakage surveys outside a business district at a minimum of every 5 years/63 months? Is the operator performing leakage surveys on cathodically unprotected pipelines at a minimum of every 3 years/39 months? If the operator has inside meter sets that meet this criterion then were those surveyed? If the operator has yard lines then are those being surveyed?	Satisfactory
Petersburg has no unprotecte Petersburg has inside meter s Yard lines are being surveyed	the business district are conducted every 4 years.  But cathodic pipelines in their operating center.  But sets that are surveyed during the leakage survey.  But sets that are still open on the books.	
	YARD LINES - RESIDENTIAL	Status
220 ILCS 2.2.03	Has the operator designated and documented the location of all services where the meter is located more than 3 feet away from the wall of a residence?	Satisfactory
General Comment:		
The operator has a listing of a	all meters that are located more than 3 feet away from the residence wall.	
192.463,220 ILCS 2.2.0	Has the operator determined if cathodic protection is required on these services?	Not Applicable
General Comment:	· · · · · · · · · · · · · · · · · · ·	
The operator does not protect	t the service line after the meter set.	
192.723(b)(1),192.723(l	After the determination of the cathodic protection requirements, has the operator surveyed each line within the required leakage survey intervals?	Satisfactory

General Comment:		
A leak survey is conducte	ed on these service lines at the required intervals.	
ABAND	DONMENT or DEACTIVATION of FACILITIES PROCEDURES	Status
192.603(b)	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected from all sources and supplies of gas, and purged of gas?	Not Applicable
General Comment:		
No abandoned pipelines	that were disconnected from its source of gas last year.	
192.603(b)	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	Not Applicable
General Comment:	<u> </u>	
No inactive pipeline was	disconnected from its source of gas last year.	
192.603(b)	Did the operator maintain documentation demonstrating that whenever service to a customer was discontinued access to gas was either; locked, prevented by a mechanical fitting, or disconnected from the gas supply and open pipe ends sealed?	Satisfactory
General Comment:	<u> </u>	
Documentation did show	that the meter set was locked off to prevent access to the gas.	
192.603(b)	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	Not Applicable
General Comment:		
No purging of air to preve	ent a combustible mixture was conducted last year.	
192.727(g)	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	Not Applicable
General Comment:	<u> </u>	
No commercially navigab	ole waterway in the system.	
	PRESSURE LIMITING AND REGULATION	Status
192.603(b)	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	Satisfactory
General Comment:	<u> </u>	
Regulating stations were	inspected each year not to exceed 15 months.	
192.603(b)	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	Satisfactory
General Comment:		

Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?  tersburg operating center.  Investigation Of Failures	Not Applicable Status
Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	Not Applicable
Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of	Not Applicable
Did the operator inspect and maintain distribution valves necessary for the safe operation of the system at a minimum of 1 per year/15 months?	Satisfactory
VALVE MAINTENANCE	Status
documentation from the pipeline.	
have adequate capacity?	
If Yes, does the operator have documentation to verify that these devices	Not Applicable
resource protection from the cumplior at the time of this cudit valiefucture are to be installed in the most future.	ro
Is overpressure protection provided by the supplier pipeline downstream of the take point?	Not Applicable
high or low pressure conditions are corrected.	
If there were indications of abnormally high- or low-pressure, were actions taken to correct any unsatisfactory operating conditions?	Satisfactory
n one pressure station has charts on them.	
gauges to mulcate the gas pressure in the district:	
Is each distribution system supplied by more than one district pressure regulating station, or where required by the operator on a system supplied by a single regulating station, equipped with telemetering or recording pressure gauges to indicate the gas pressure in the district?	Satisfactory
d every year.	
If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	Satisfactory
	calculation reviews documented at a minimum of 1 per year/15 months?  It every year.  Is each distribution system supplied by more than one district pressure regulating station, or where required by the operator on a system supplied by a single regulating station, equipped with telemetering or recording pressure gauges to indicate the gas pressure in the district?  If there were indications of abnormally high- or low-pressure, were actions taken to correct any unsatisfactory operating conditions?  Is overpressure protection provided by the supplier pipeline downstream of the take point?  Is overpressure protection provided by the supplier pipeline downstream of the take point?  If Yes, does the operator have documentation to verify that these devices have adequate capacity?  Occumentation from the pipeline.  VALVE MAINTENANCE  Did the operator inspect and maintain distribution valves necessary for the

General Comment:		
No accidents or failures re	equiring analysis last year.	
	WELDING OF STEEL PIPE	Status
Category Comment:		
Welding records are kept	in the Decatur Training Center.	
192.603(b)	Does the operator have documentation for their qualified welding procedure?	Not Checked
192.603(b)	Does the operator have documentation of welder qualification documentation as required?	Not Checked
192.709	Does the operator have documentation of NDT personnel qualification as required?	Not Checked
192.709	Does the operator have documentation of NDT testing performed?	Not Checked
	JOINING OF MATERIAL OTHER THAN WELDING	Status
Category Comment:	<u>.</u>	
Plastic pipe records are ir	n the Pawnee Training Center.	
192.603(b)	Are persons making joints with plastic pipe qualified?	Not Checked
192.603(b)	Are persons inspecting plastic pipe joints qualified?	Not Checked
192.603(b)	Are qualified joining procedures for plastic pipe in place?	Not Checked
	Status	
192.491(a)	Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system?	Satisfactory
General Comment:		
Records are being mainta	ained explaining were an anode is placed.	
192.491	Has the operator maintained documentation of an examination when buried pipe was exposed?	Satisfactory
General Comment:	·	
Documentation of examin	ation of exposed pipe when exposed is kept.	
192.491	Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?	Satisfactory
General Comment:		
Pipe to soil monitoring wa	as conducted within the 1 per year/ 15 months. Isolated services were inspected within the code requirements.	
192.491	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	Satisfactory

General Comment:		
Rectifiers are inspected at least 6 to	imes a year.	
192.491	Has the operator maintained documentation of each critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	Satisfactory
General Comment:		
Critical bonds are inspected 6 time.	s a year.	
192.491	Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	Satisfactory
General Comment:		
Prompt remedial actions are taken	if any deficiencies are found.	
192.491	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	Not Applicable
General Comment:		
Petersburg has no unprotected pip	elines in their operating center.	
192.491	Has the operator maintained documentation of inspections or tests for electrical isolation at casings?	Satisfactory
General Comment:		
Documentation records for isolation	n of casings are inspected.	
192.491	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	Satisfactory
General Comment:		
The operator has a sufficient numb	per of test stations.	
192.491	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	Not Applicable
General Comment:		
The operators test leads are all ele	ctrically conductive.	
192.491	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	Not Applicable
General Comment:		
The operator has no adjacent unde	erground structures in their area as far as they know.	
192.491	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	Not Applicable

General Comment:		
The operator has no corrosi	ve gas in their system.	
192.491	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	Not Applicable
General Comment:		
No pipe was removed from	the system.	
192.491	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	Not Applicable
General Comment:		
No internal corrosion coupo	n monitoring was done last year.	
192.491	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/39 months?	Satisfactory
General Comment:		
Atmospheric corrosion conti	rol monitoring is done every 3.	
192.491	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	Satisfactory
General Comment:		
Corrective action is maintair	ned if corrosion is discovered.	
192.491	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated and cathodically protected?	Not Applicable
General Comment:		
No pipe was removed from	the system.	
	TRAINING - 83 IL ADM. CODE 520	Status
520.10(a) (1)	Has the operator maintained documentation demonstrating that personnel have received adequate training?	Not Checked
General Comment:		
Training records are in n the	e Pawnee Training Center.	
520.10(a) (2)	Do training records include verbal instruction and/or on the job training for each job classification?	Satisfactory
General Comment:		
These records are in each o	pperating center.	
520.10(b)	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	Not Applicable
General Comment:		

Ameren is not a municipal operator.				
520.10(a)(5)	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	Satisfactory		
General Comment:	·			
Each employee gets the updates of changes to the procedures.				